



0300

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

SHUJI YAMADA

Serial No. **09/838,994**

Filed: **April 20, 2001**

For: **SYSTEM AND METHOD OF
IMPLEMENTING A BUFFER MEMORY
AND HARD DISK DRIVE WRITE
CONTROLLER**

§ ATTORNEY DOCKET NO.
§ **JP920000113US1**

§
§
§
§ Examiner: **UNKNOWN**

§
§
§ Group Art Unit: **2182**

LETTER TO THE OFFICIAL DRAFTSMAN

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith are sixteen (16) sheets of formal drawings for the above-identified application.

CERTIFICATE OF MAILING 37 C.F.R. § 1.8(A)	
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Assistant Commissioner of Patents and Trademarks, Washington, D. C. 20231.	
<u>7/10/01</u> Date	<u>[Signature]</u> Signature <u>KIM DE LOON</u>

Respectfully submitted,

[Signature]
Andrew J. Dillon

Registration No. 29,634

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ATTORNEY FOR APPLICANT

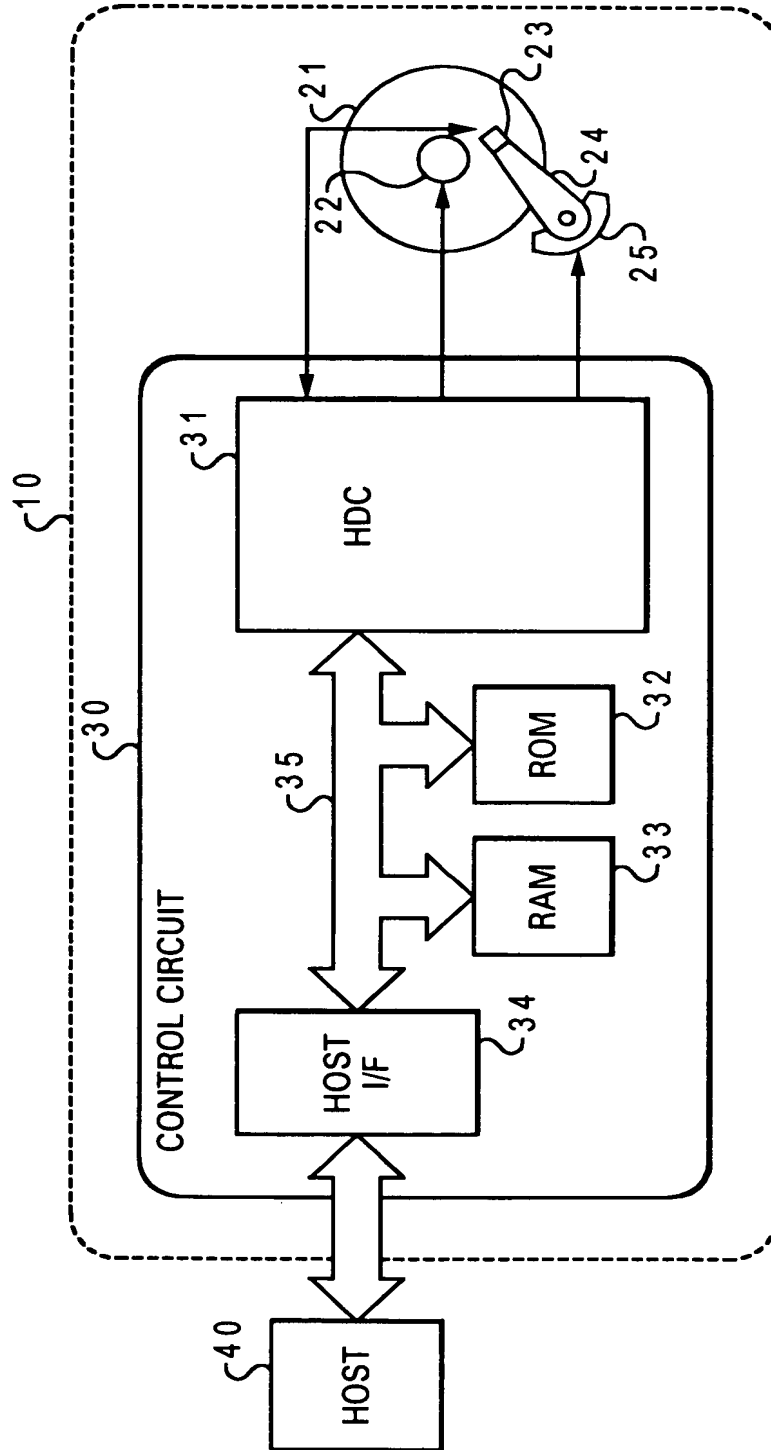


Fig. 1

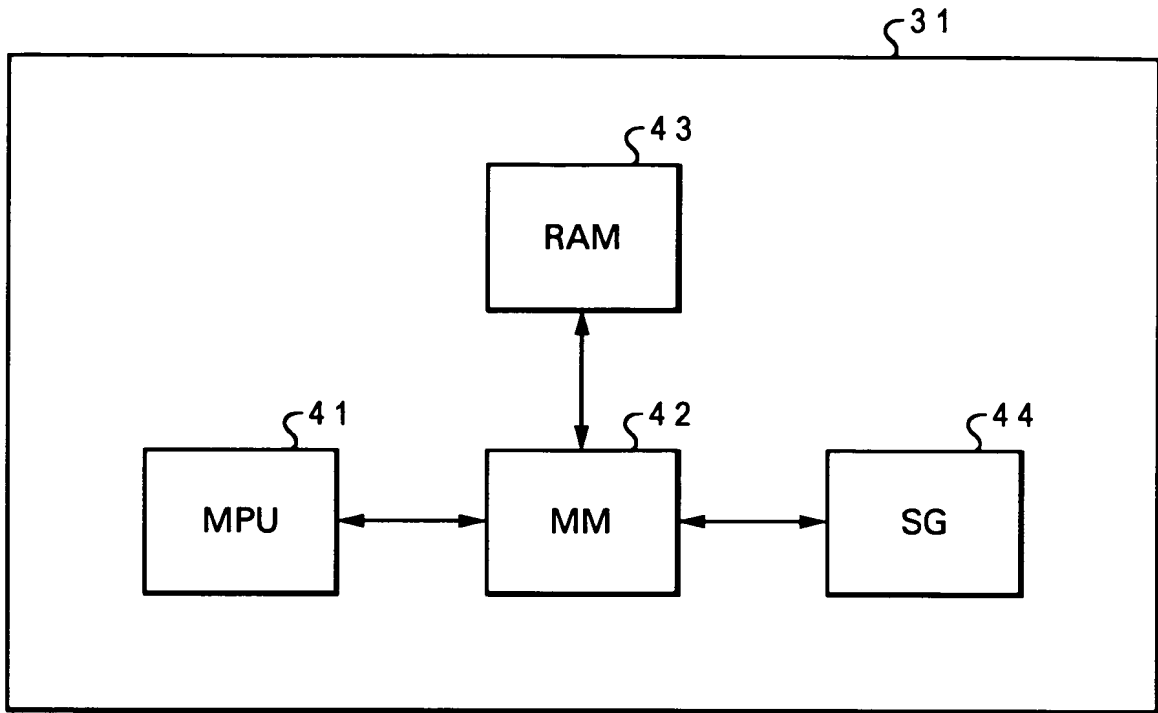


Fig. 2

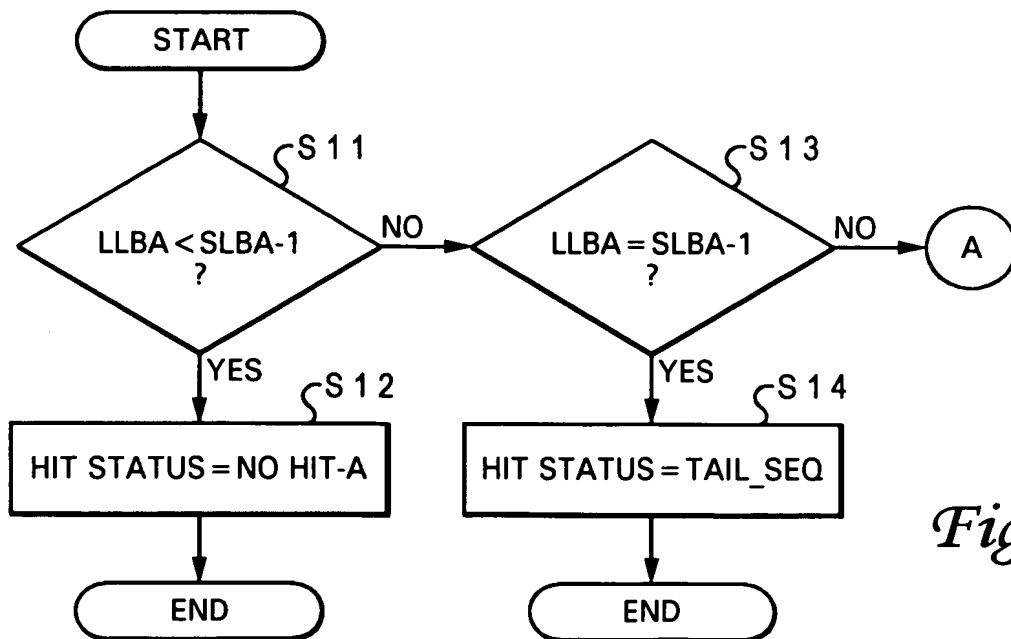


Fig. 4

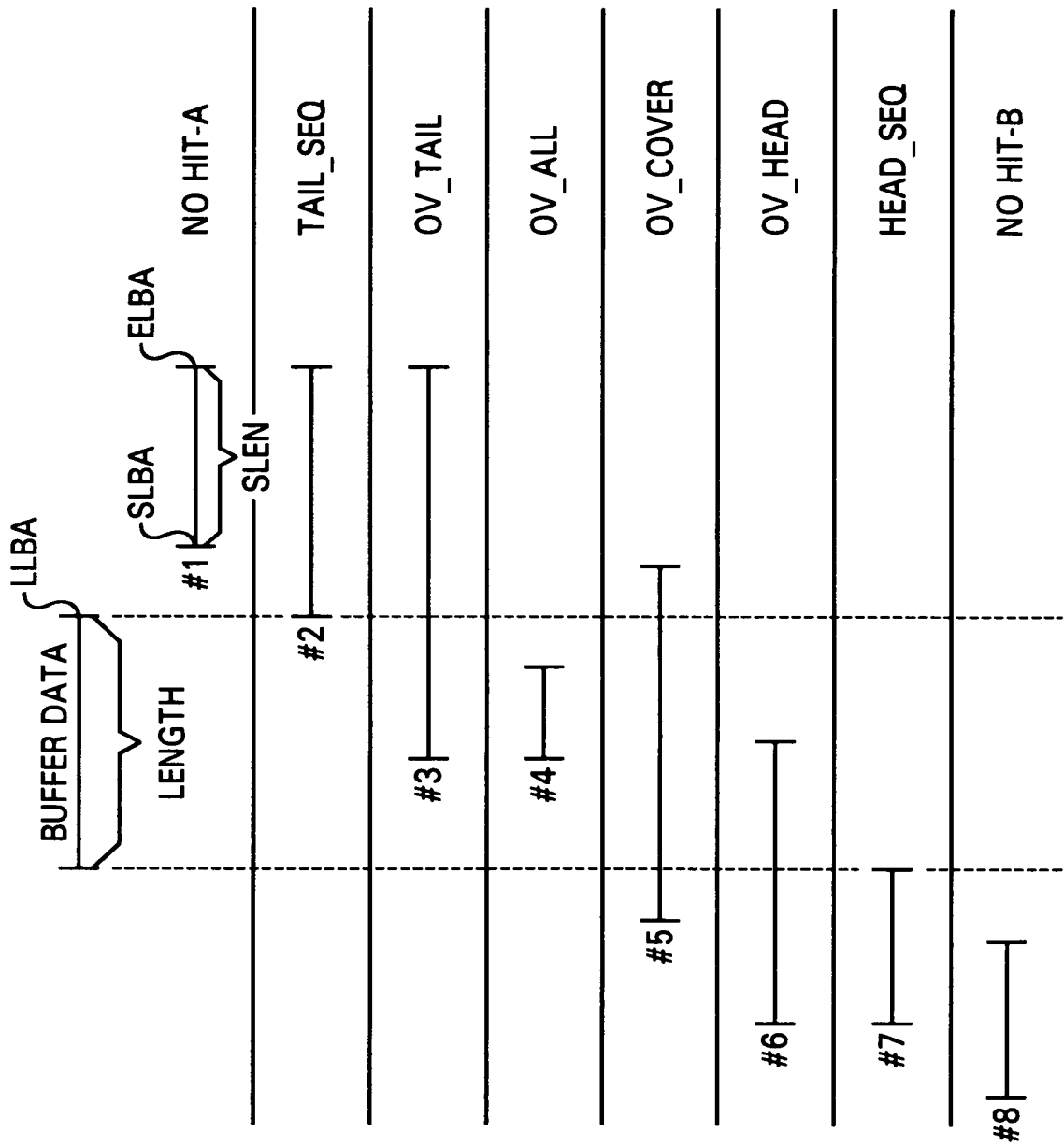


Fig. 3

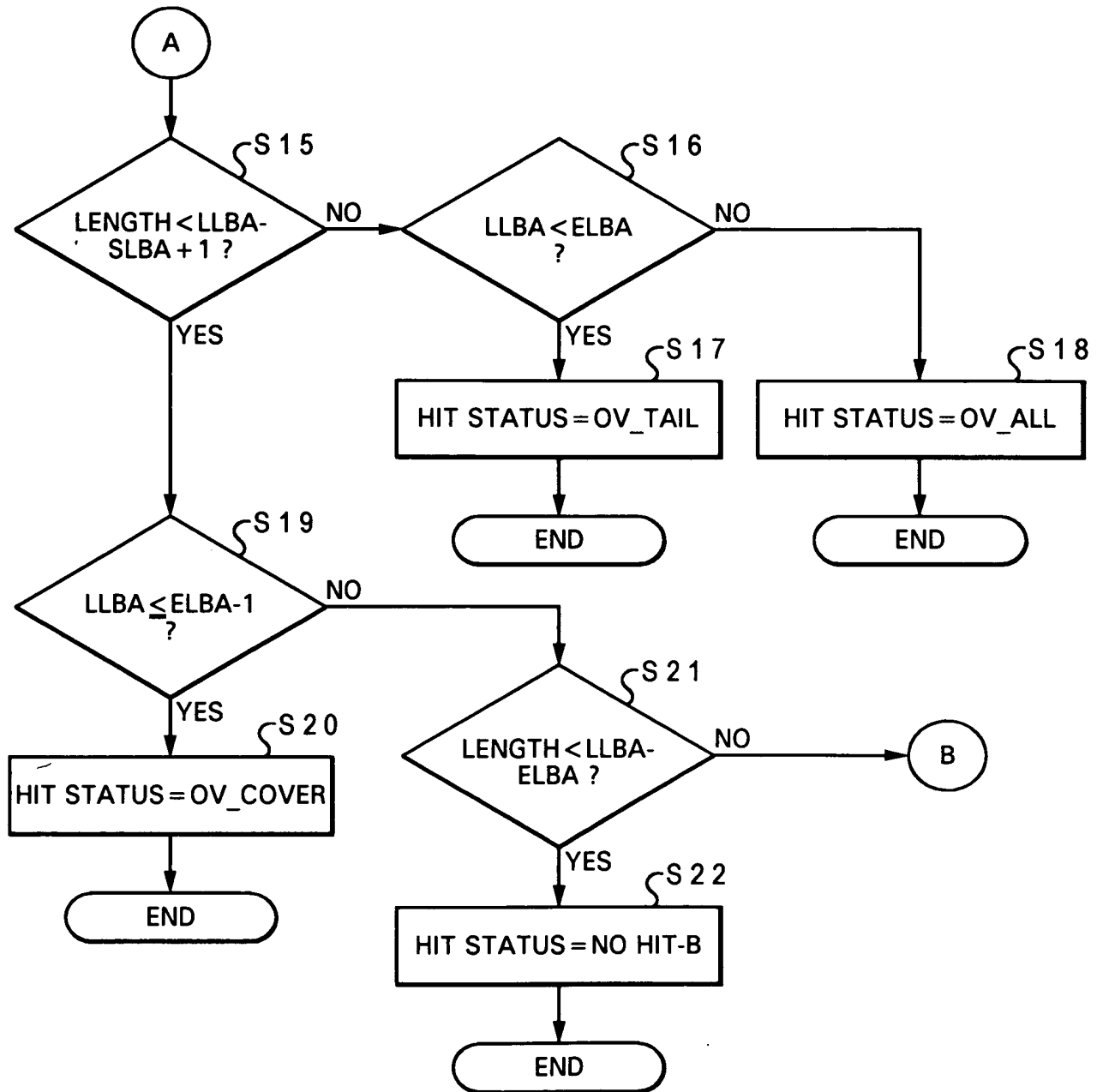


Fig. 5

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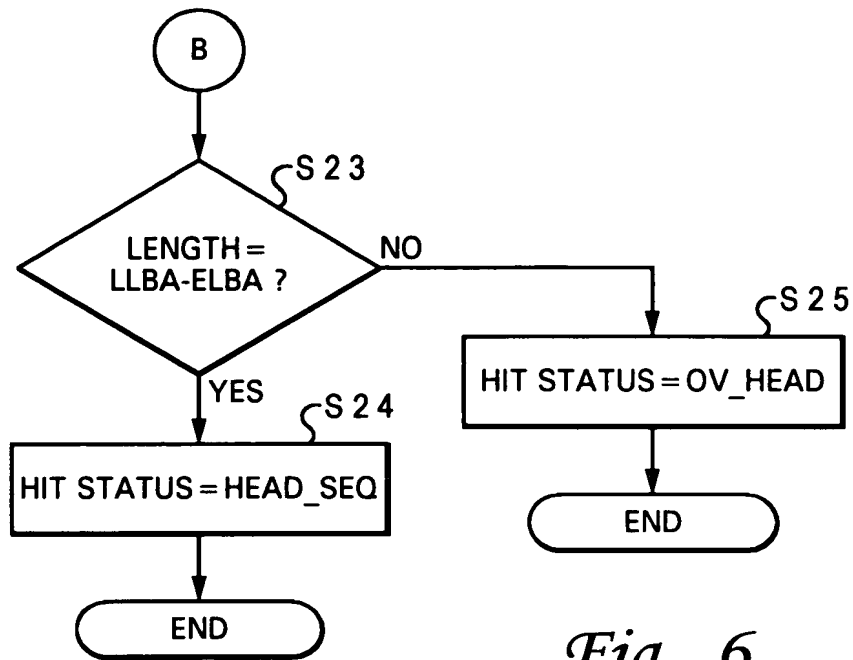


Fig. 6

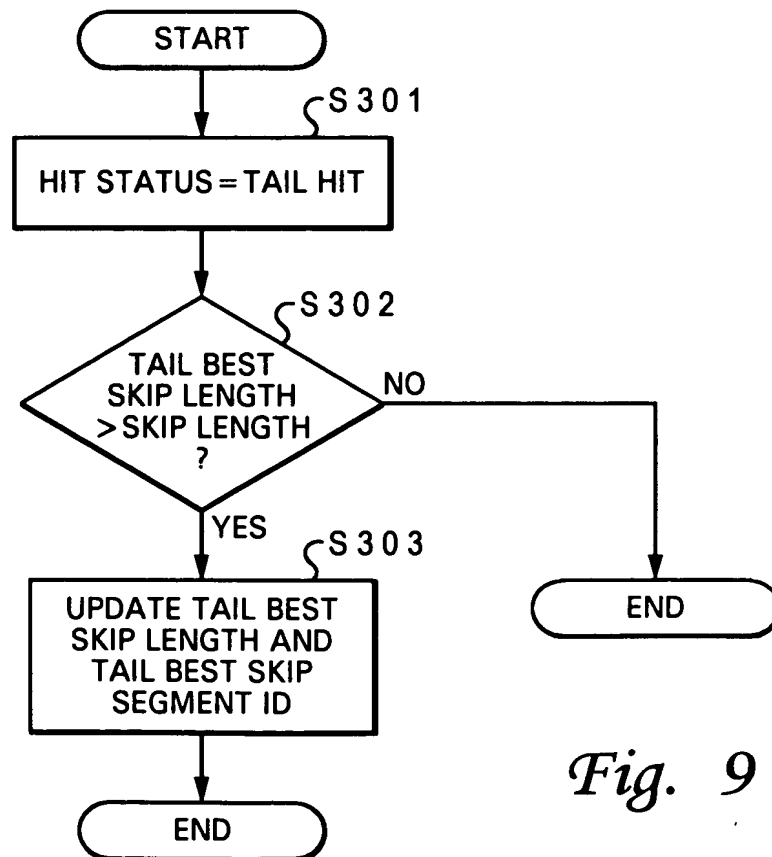


Fig. 9

093899-02001

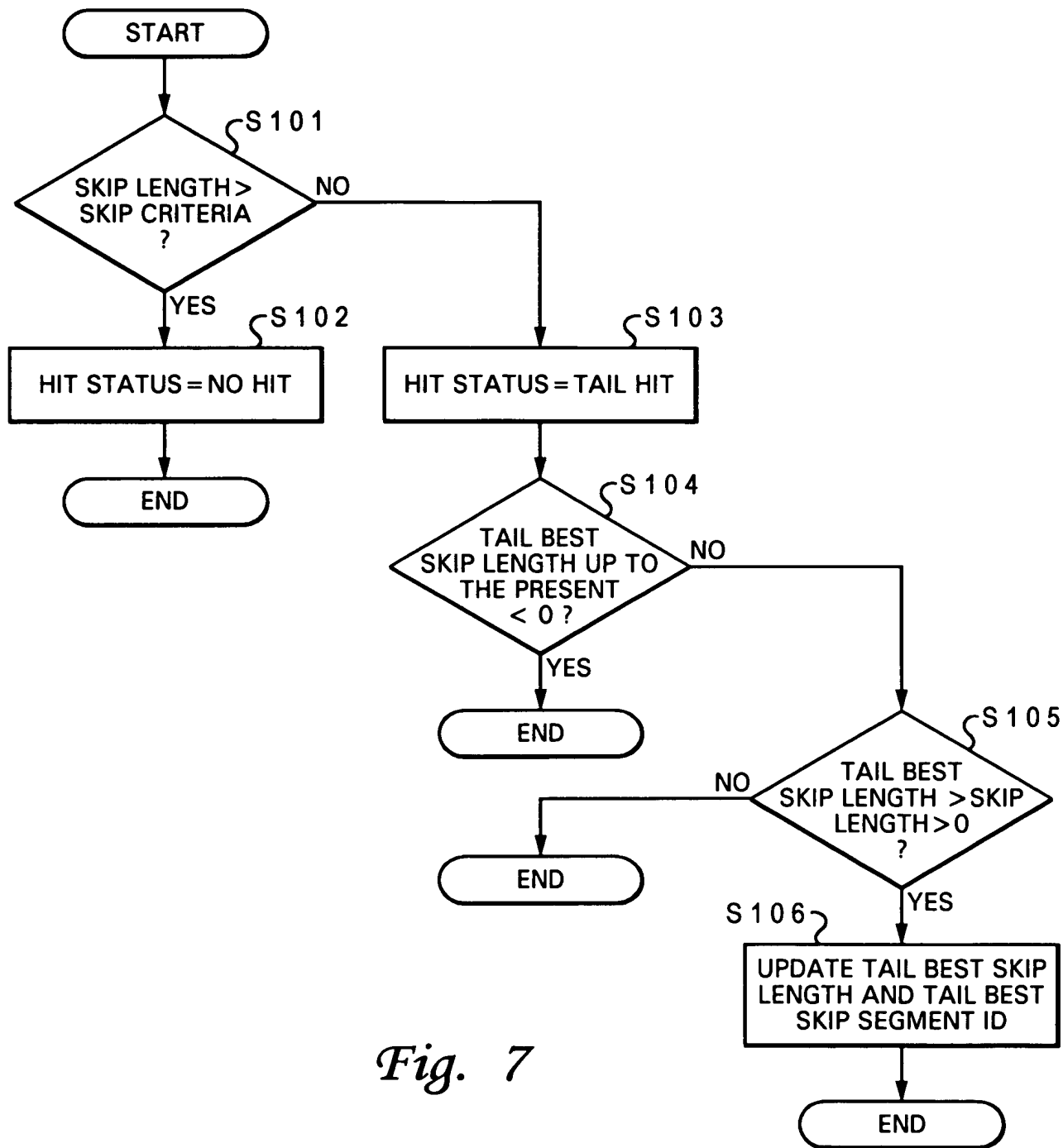


Fig. 7

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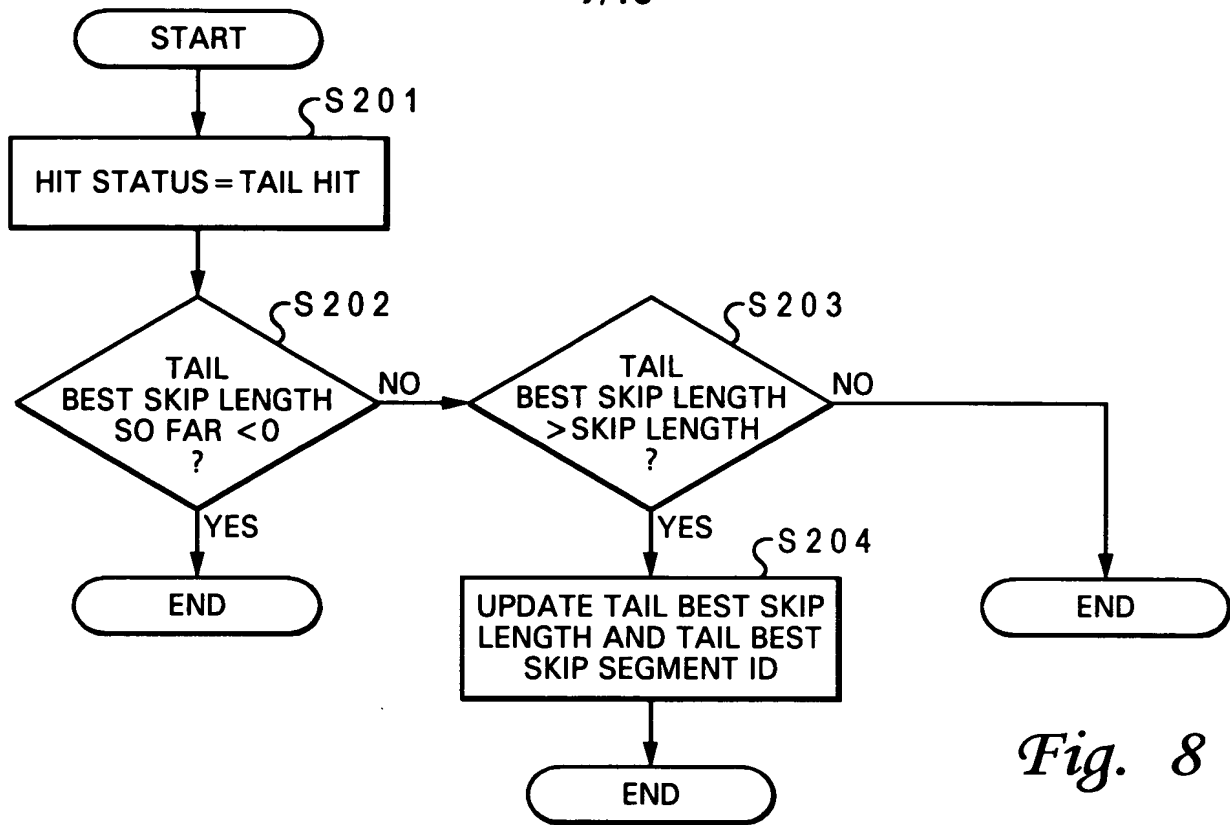
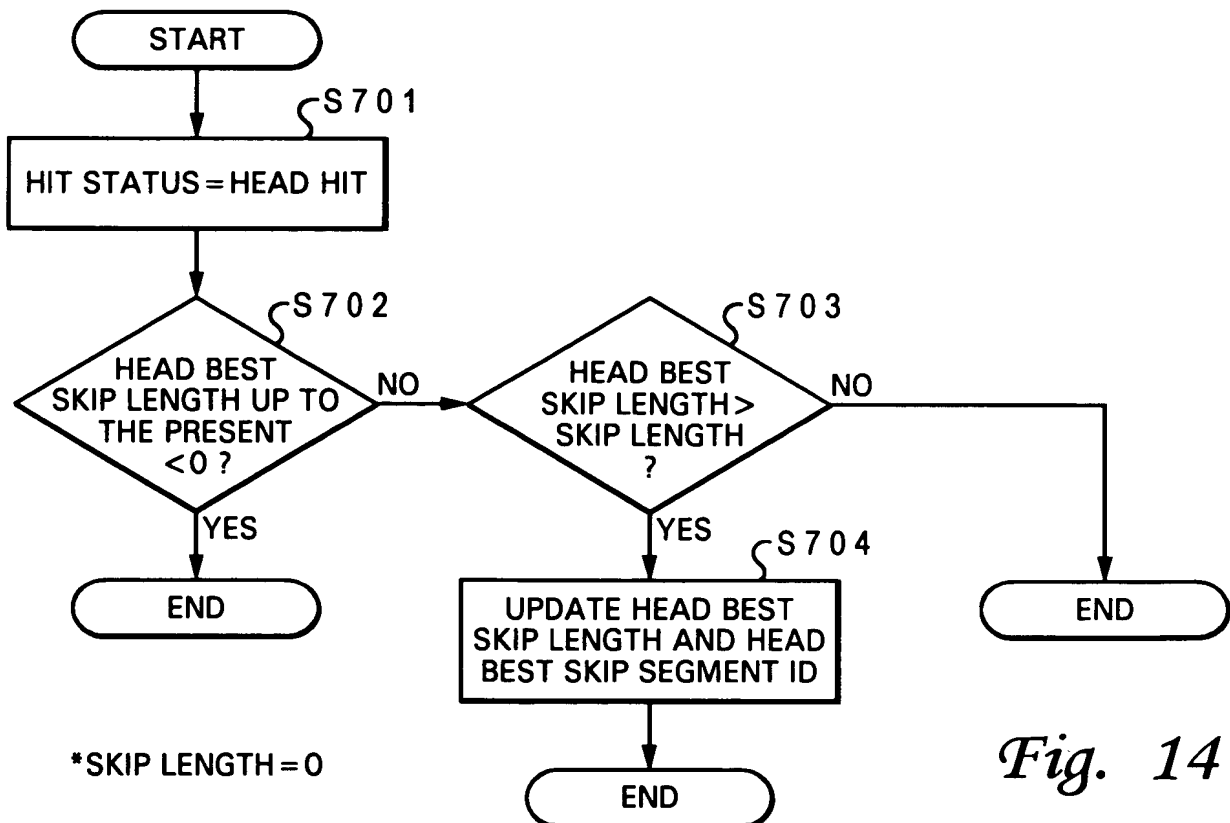


Fig. 8



*SKIP LENGTH = 0

Fig. 14

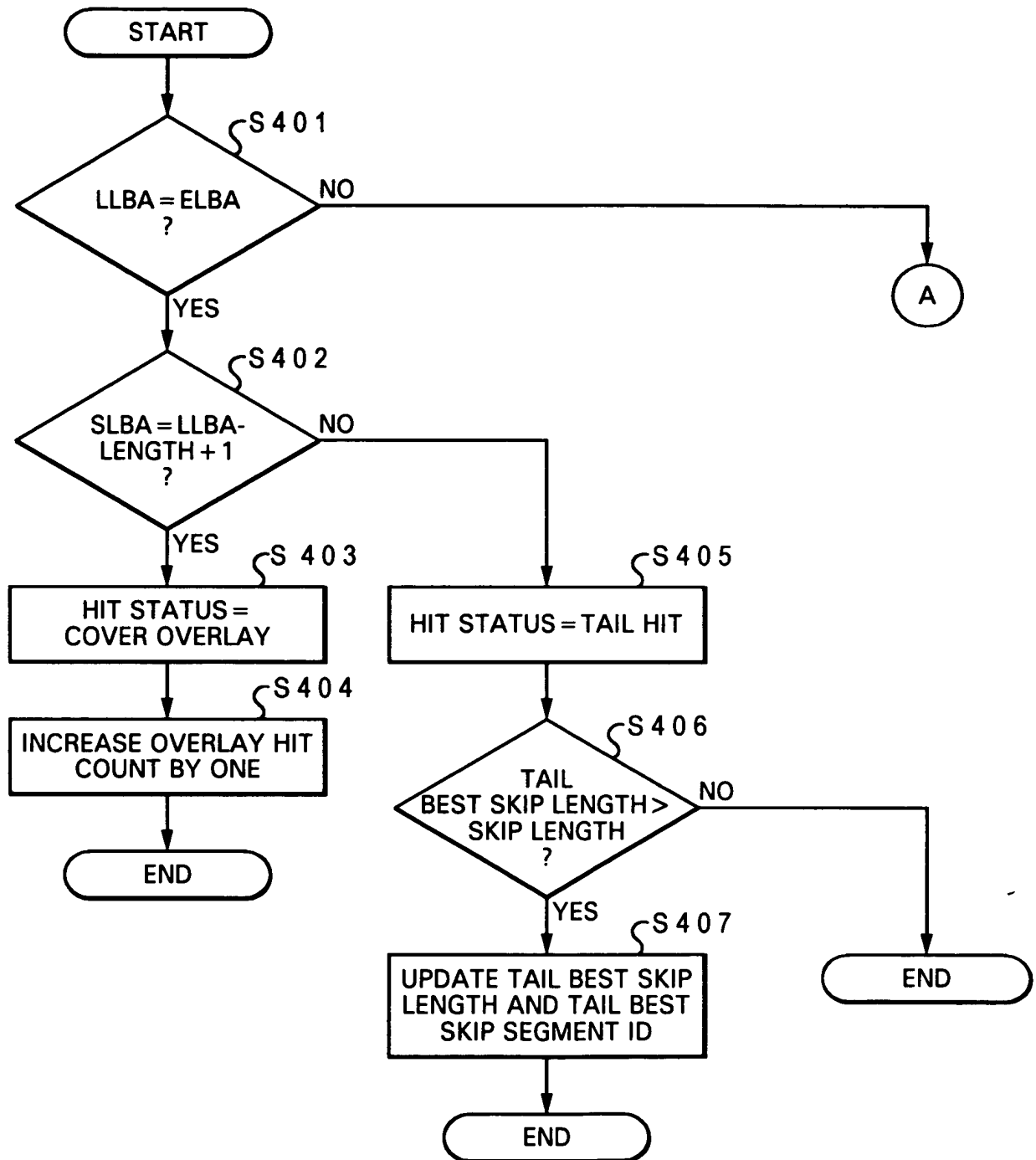


Fig. 10

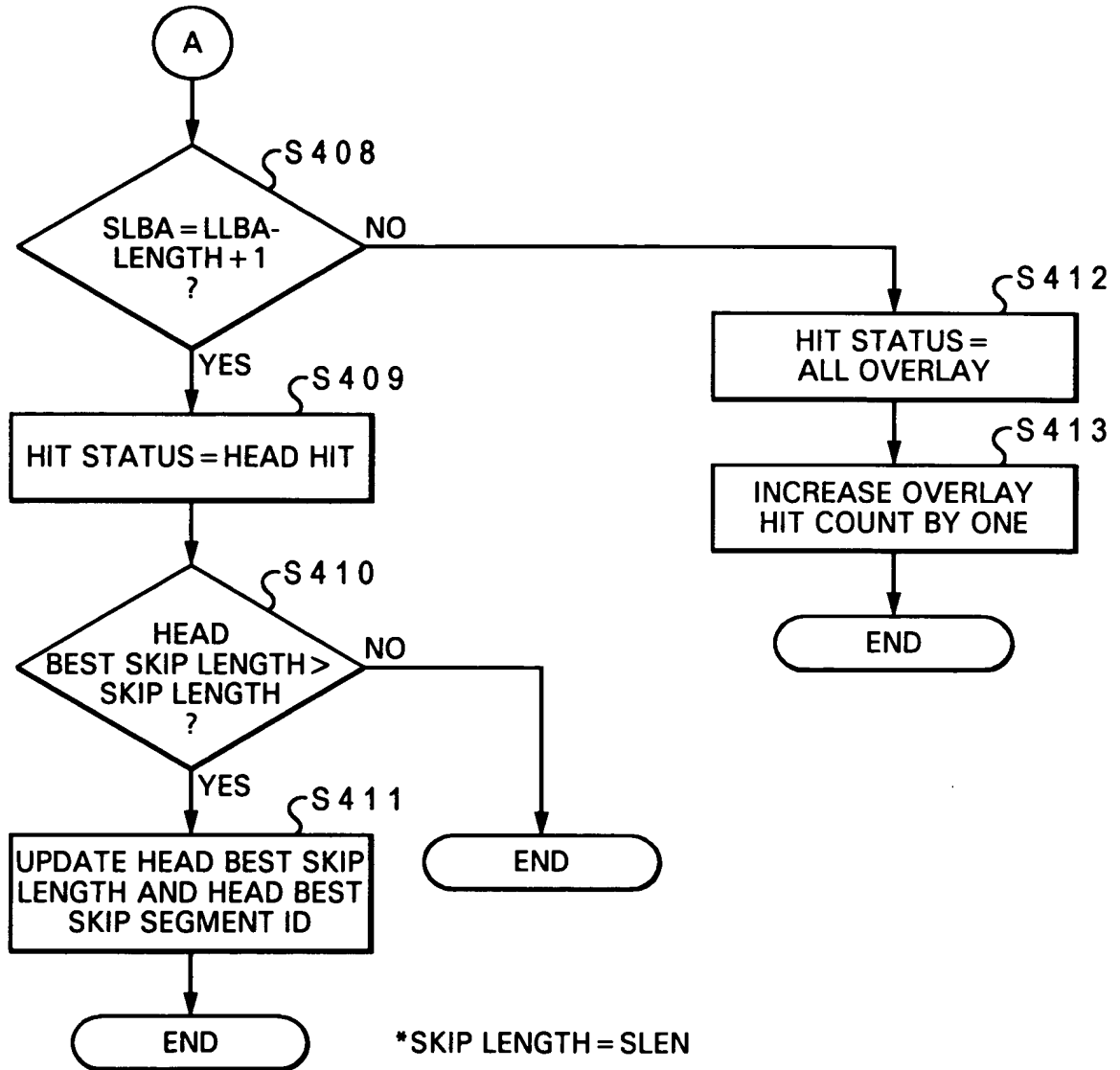


Fig. 11

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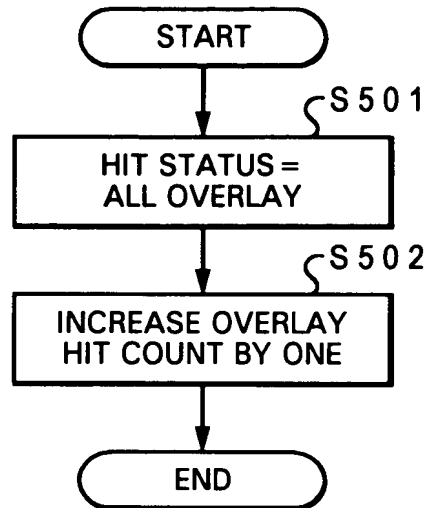


Fig. 12

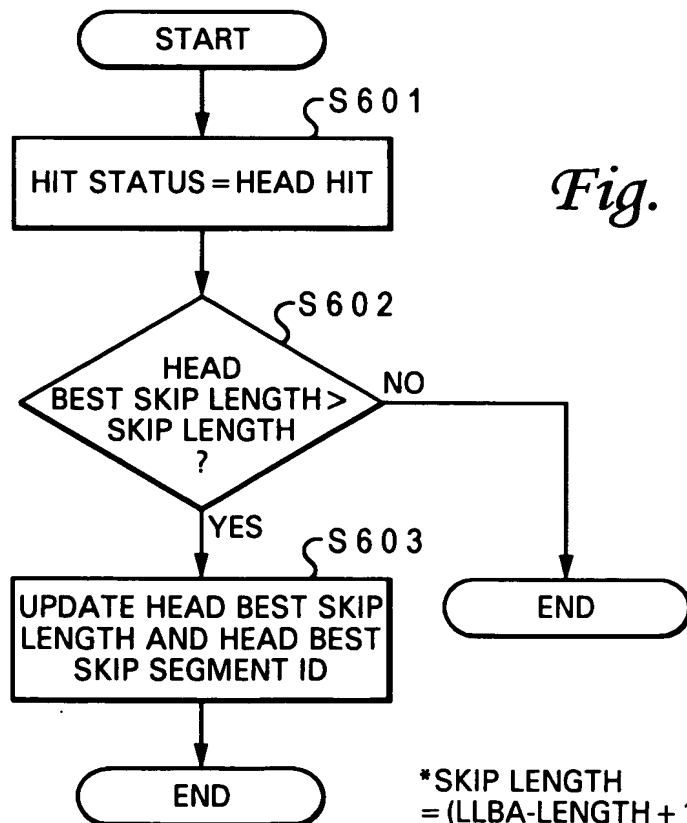


Fig. 13

*SKIP LENGTH
= (LLBA-LENGTH + 1)-ELBA

100270-4558550

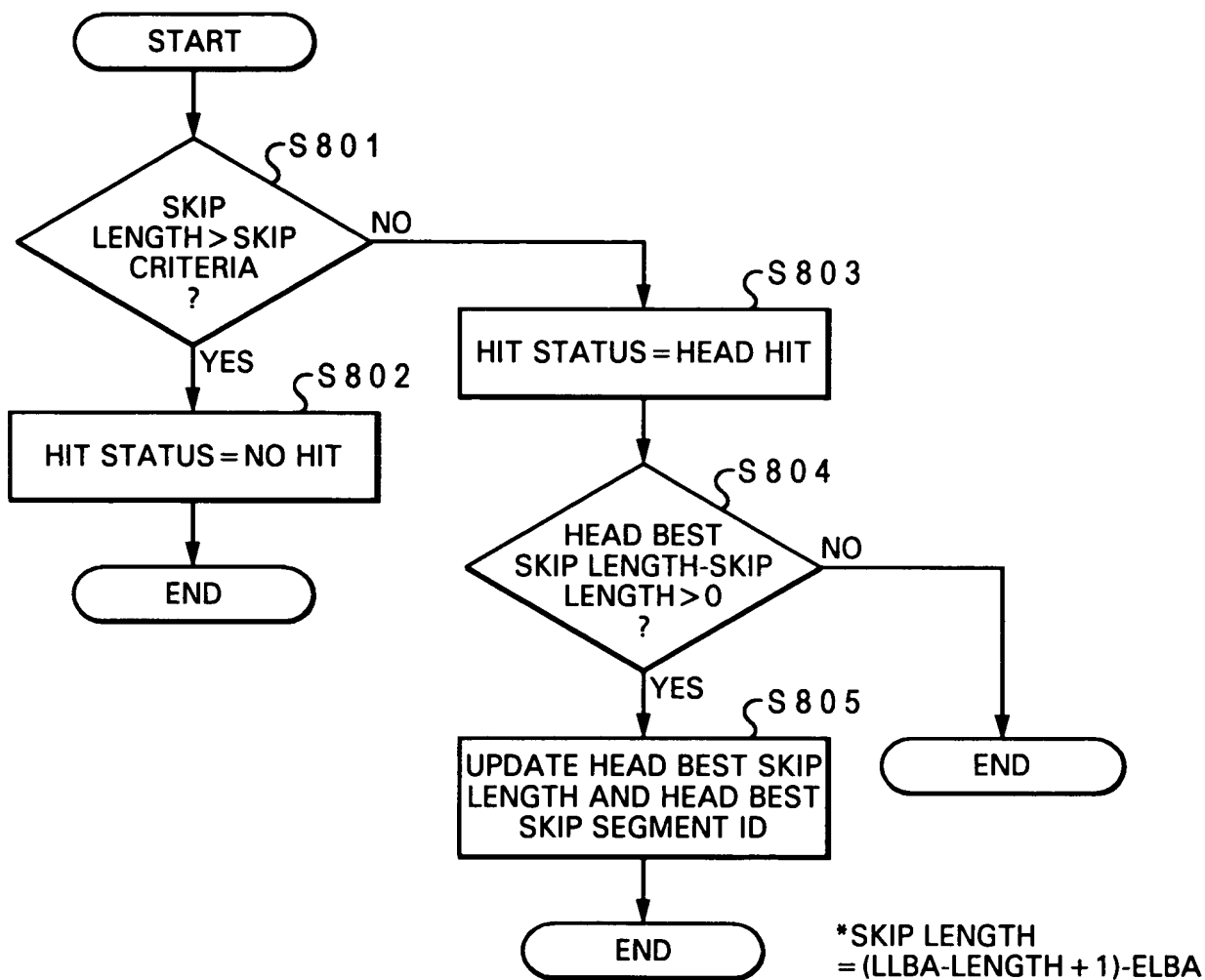


Fig. 15

H/W USE	H/W USE	H/W USE	NO OF HIT
HEAD BEST SKIP LENGTH	HEAD BEST SKIP SEGMENT ID	TAIL BEST SKIP LENGTH	TAIL BEST SKIP SEGMENT ID

Fig. 16

LAST LBA LOW	LAST LBA HIGH	LENGTH	HIT STATUS
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Fig. 17

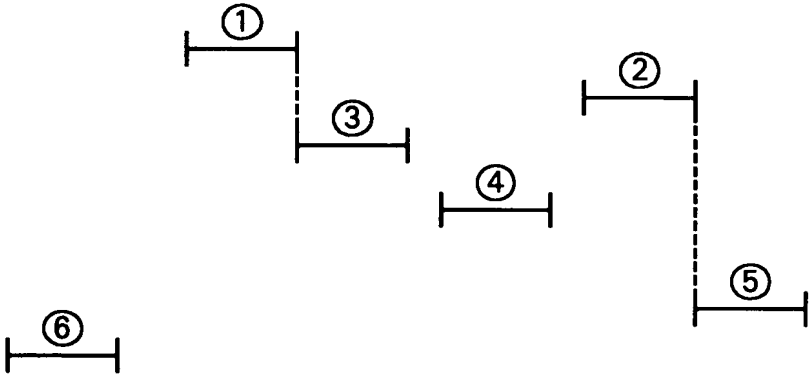


Fig. 18a

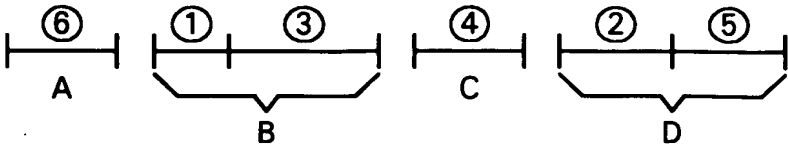


Fig. 18b

0633994-07001

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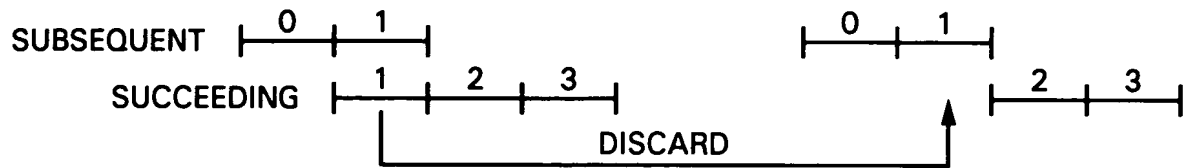


Fig. 19

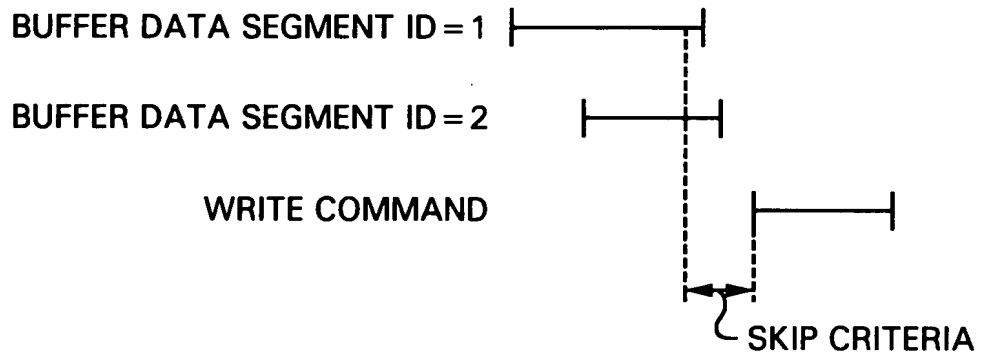


Fig. 20

09238994.072001
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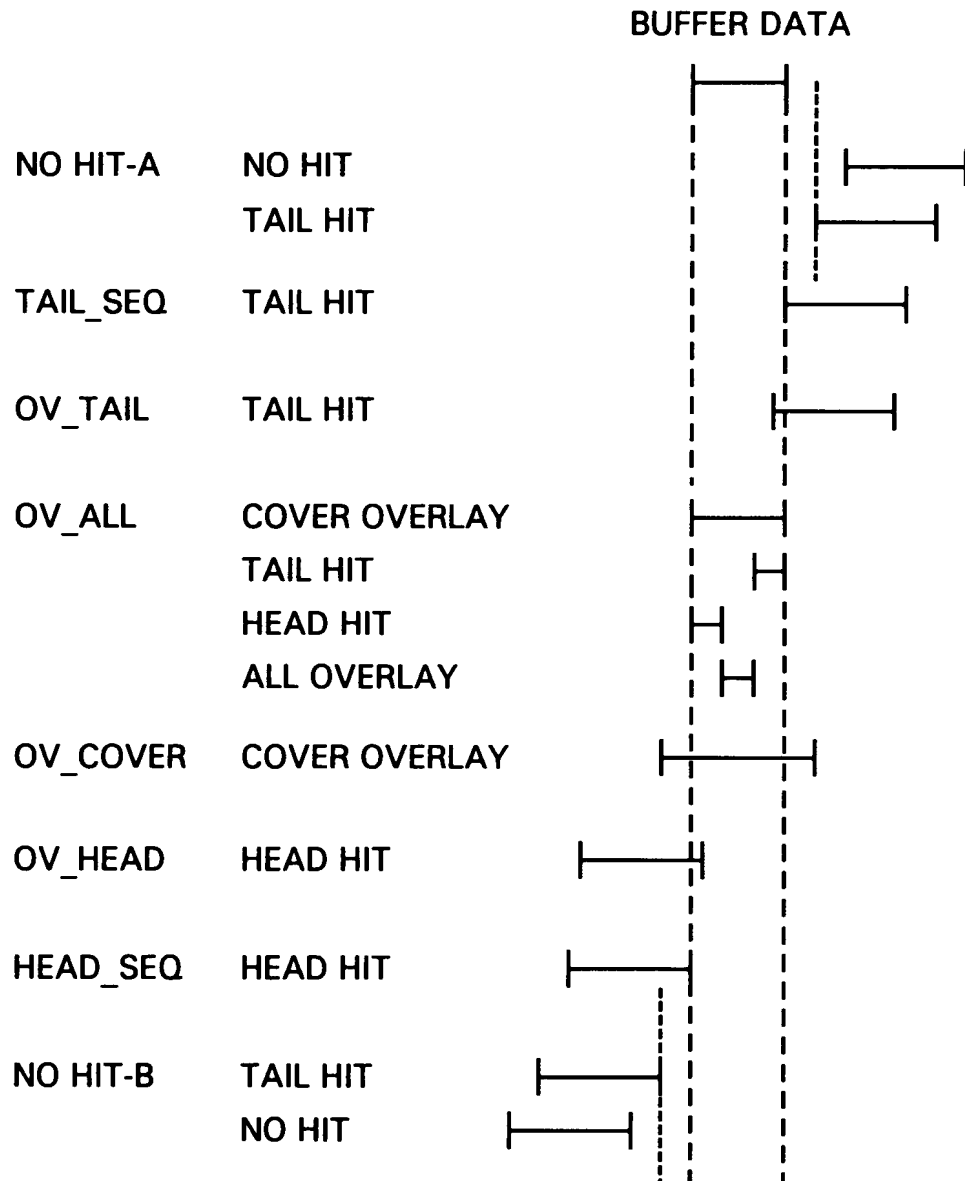


Fig. 21

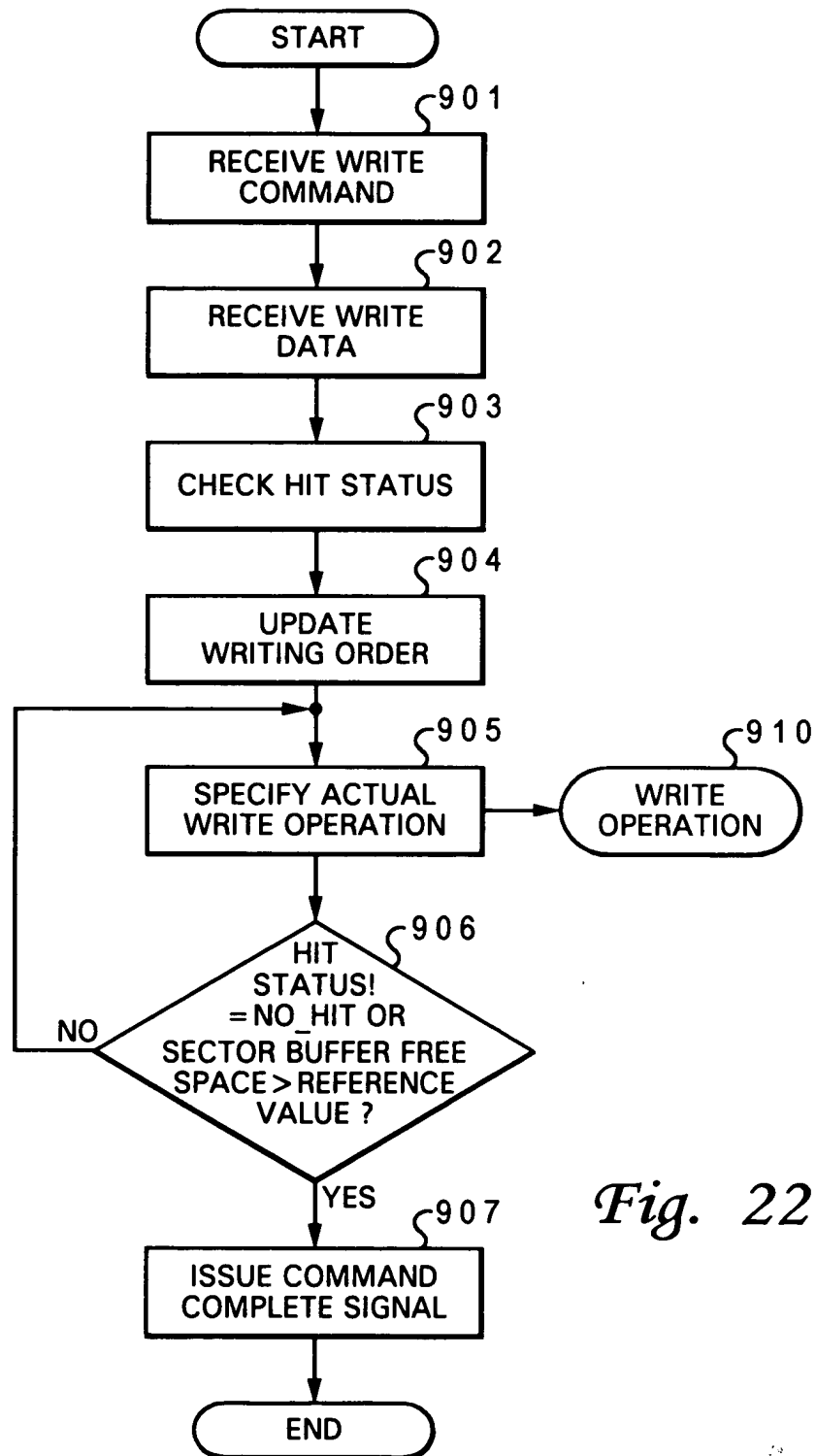


Fig. 22

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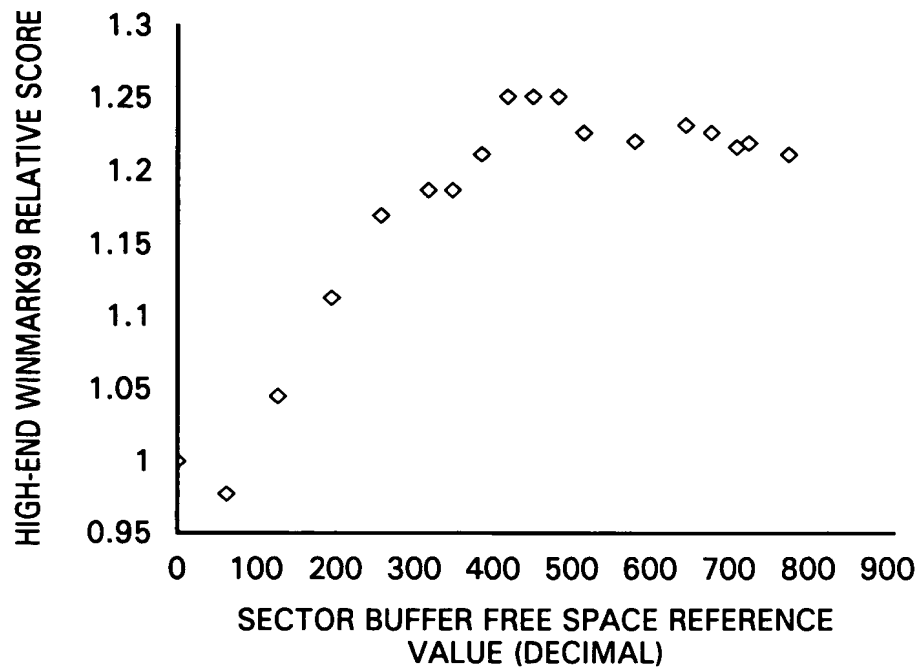


Fig. 23

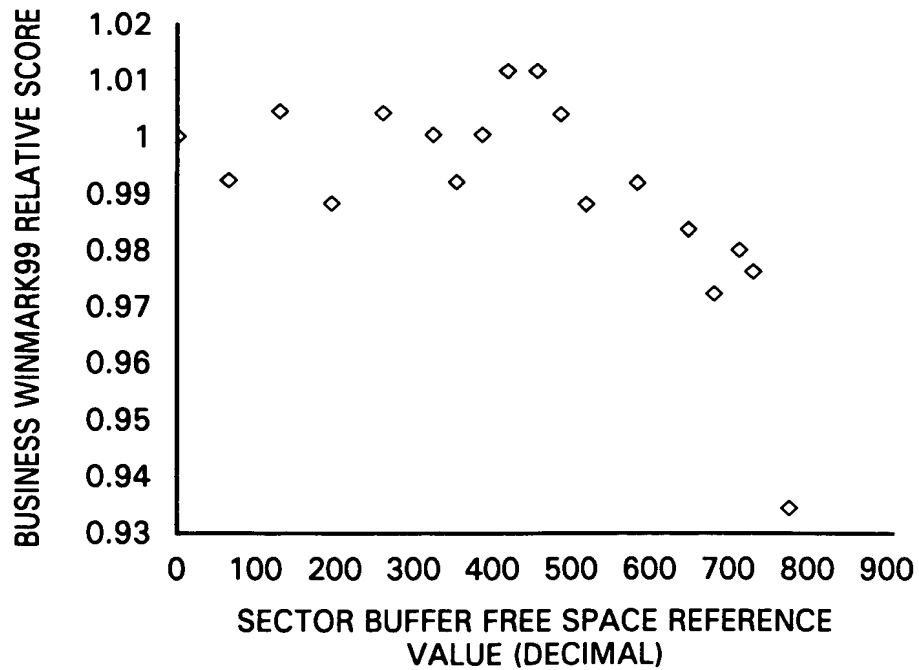


Fig. 24